# Portable Automobile Navigation System

# *Product User Manual*

### *Registered info*

HOLUX and GPSmile are trademarks of HOLUX Technology, Inc.

All other trademarks belong to registered companies.

### *Note*

- The contents of this manual will be modified without further notice.
- The operation temperature for the product is between -10℃~50℃.
- Operating or recharging in an environment with a temperature over 50 ℃ might cause the system to malfunction. However, this should be considered a normal phenomenon. Please do not operate under

# Safety Precautions

- Use the power adapter included with the package. Using other power adapters than the one provided will result to malfunction and could prove to be dangerous.
- The device should only be used with the supplied batteries.
- About the power adapter:
    1. Do not use the power adapter in a wet environment. When hands and feet are wet, do not touch the power adapter.
    2. While using the power adaptor, ensure that the area is well ventilated. Do not let paper or other material cover the power adaptor, as this will interfere with cooling. Do not use the power adaptor whilst it is in a bag.
    3. Do not attempt to repair the device. If device is damaged or is in a wet environment, replace the device immediately.
    4. It is not recommended to charge from a PC because the PC power voltage is not enough to supply the device.
- About the battery
    1. Use only the original factory approved charger.
    2. A Lithium battery is built into the device. To prevent fire or skin burns, do not disassemble, pierce, impact, or expose the battery to fire. The battery will crack, explode, or release dangerous chemicals if placed in a fire.
- Important instructions
    1. Note: Replacing with an incorrect battery may result in an explosion. When disposing of the battery, follow the instructions. The replacement battery must be a factory approved original.
    2. Regulations must be observed when recycling or disposing of batteries.
    3. The battery should only be used in this device.

# Warranty Statement

- This warranty applies to parts and services that are manufactured and sold through Holux Technology Inc. The local area covered is Taiwan; the warranty length is one year from date of purchase (starting from the date on the sales receipt). Under normal user operation, Holux Technology provides free repair services.
  - ❖ After repair, the replaced parts are the properties of Holux Technology Inc.
- Holux Technology is not responsible for providing repairs or replacements of any software; Holux Technology does not provide any warranty service for third party software/hardware.
- Important instructions

**Note:** This warranty does not cover damage or malfunction from the below causes: unauthorized disassembly/modification of unit, abuse or incorrect usage, accidental and other unpreventable causes, operation under variables mentioned that are different from those in this product user manual, using parts not made or sold by Holux Technology, or repairs done by anyone other than Holux Technology and authorized retail/service providers.

- ❖ Expendable parts are not covered in the warranty.
- ❖ Holux Technology is not responsible for any program, data, or portable storage media damages or loss. Please contact your local Holux Technology authorized service provider to learn more about geographical limitations, proof of purchase requests, response time agreements, and other specific maintenance service requests.

# Technical Support

- If there are any questions regarding the use of this product, please log on to the website www.holux.com and see the FAQ.
- If answers cannot be found on the website, please send us an e-mail at info@holux.com, stating your query and location.

# Maintenance Service

**HOLUX Technology, Inc.**

+886-3-6687000

Web Site: www.holux.com

E-mail: info@holux.com

**or**

**Contact your nearest dealer, for further support.**

**HOLUX Technology, Inc.**

www.holux.com

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# Preface

We appreciate your purchase of the HOLUX car navigation.

Please read all instructions thoroughly for a full understanding of the products' features.

# Precautions and Notices

- For your own safety, do not operate the controls of the product while driving.
- Use this product prudently. The product is intended to be used only as a navigation aid. It is not for precise measurement of direction, distance, location or topography.
- The calculated route is for reference only. It is the user's responsibility to follow the traffic signs and local regulations along the roads.
- When you get off the car, do not leave your device on the dashboard that is subject to direct sunlight. The overheating of the battery can cause malfunction and/or danger.
- GPS is operated by the United States government, which is solely responsible for the performance of GPS. Any change to the GPS system can affect the accuracy of all GPS equipments.
- GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS positioning is not available.
- A minimum of 4 GPS satellite signals is needed to determine current GPS position. Signal reception can be affected by situations such as bad weather or dense overhead obstacles (e.g. trees and tall buildings).
- Other wireless devices in the vehicle might interfere with the reception of satellite signals and cause the reception to be unstable.
- A car holder is needed when using the device in a car. Be sure to place the device in an appropriate place, so as not to obstruct the driver's view or deployment of air bags.

# Copyright

Without the written consent of HOLUX Technology, Inc, this manual, including the product and the software, may not be duplicated, transmitted, recorded or saved on storage devices. Furthermore, it shall not be translated under any circumstances into any other languages.

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# Important Notice

Please thoroughly read this manual of operating instructions and explanations. Only use original factory approved batteries and accessories to prevent unexpected damage. If the correct procedures were not followed for operation or incompatible accessories were connected, this is a violation of the warrantee agreement and will automatically void the warrantee. This may also cause personal safety issues.

# First time use

## Package Contents

Your product should include the following accessories:

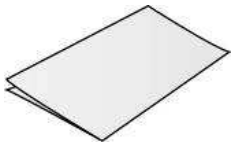
Device

In-vehicle Bracket fixing

Car Adapter

USB

Micro SD Card
(Optional)



Quick Guide

Warranty Card

CD-ROM

# Basic Operation

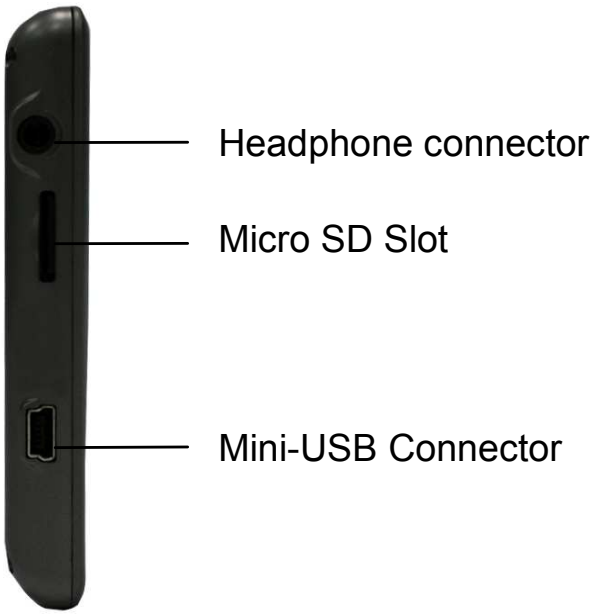
## Introduction

### Front View

### Rear View

## Top View

## Left Side



# Using the In-Vehicle Bracket

A car holder and a car charger are supplied with your device.

**CAUTION:**

- Select an appropriate location for the car holder. Never place the holder where the driver's field of vision is blocked.
- If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the antenna to the top of the car through a window. When closing the car window, be careful not to pinch the antenna cable. (Cars with an anti-jam window design may automatically leave adequate space as needed.)

The car holder consists of a bracket and a stand. Use the car holder to fix your device in a vehicle. Make sure that the GPS antenna has a clear view of the sky. (See the document supplied with the car holder for the installation instruction.)

For initial positioning, remain at the same spot with a clear view of the sky. The GPS may take a few minutes to find its current location initially.

NOTE: Depending upon the specific model purchased, the car holder supplied with your device may not look exactly the same as the picture shown.

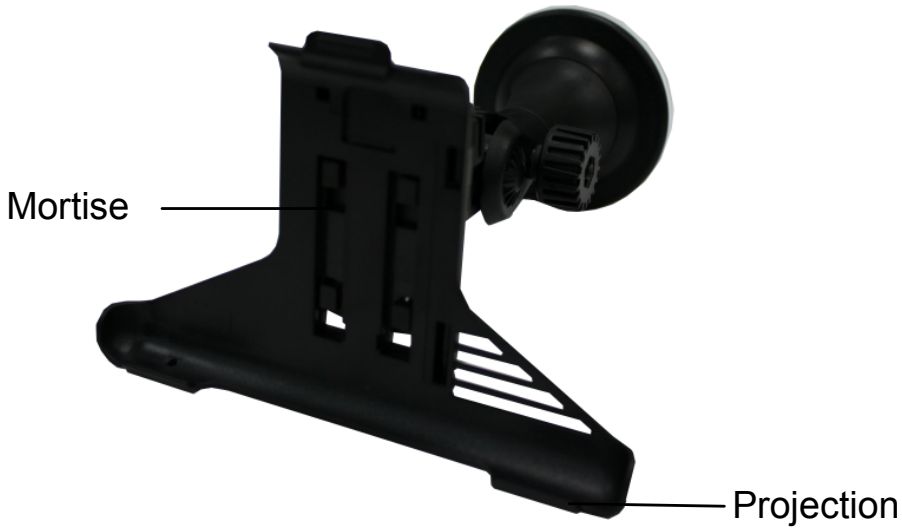
The included in-vehicle bracket set can be securely suctioned on the front windshield, or secured on top of the glove compartment using the adhesive plate. This device will effectively secure the GPS unit in the vehicle. Follow the procedures below to secure the bracket:

1. Install bracket fixing

Screw can be loosened to adjust the bracket fixing. Secure the screw when the bracket fixing is in a proper angle. Suction the bracket fixing to the windshield.

2. Install bracket

Align the bracket fixing with the in-vehicle bracket as the illustration shown. Insert the projection of the socket fixing into the mortise. Pull up the projection until it is firmly seated.




3. Install GPS unit

Slide the GPS into the in-vehicle bracket fitting holes to secure. Gently push down until the unit is tightly fixed with the bracket.

# Connecting the Car Charger

The car charger supplies power to your device when you are using the device in a car.

**CAUTION:** To protect your device against sudden surges in current, connect the car charger only after the car engine has been started.

1. Connect one end of the car charger to the power connector of your device.
2. Connect the other end to the cigarette lighter in the car to power and charge your device. The indicator on the car charger lights in green to indicate that power is being supplied to your device.

## Battery Status

Screen will show certain icon when battery exhausted, charging and fully charged.

| | |
|---|---|
| | Icon turn white, it means the battery is empty and needs to be charged, GPS could not operate, please charge your battery at once |
| | Turn pin icon, it means the battery is charging |
| | Icon turn green, it means battery is fully charged |

# Inserting a SD/MMC Card

Your device has a SD/MMC slot where you can insert an optional Secure Digital or Multi Media Card storage card.

To use a SD/MMC card, insert it into the slot, with the connector pointing to the slot and its label facing the front of the device.

To remove a card, first make sure that no application is accessing the card, then slightly push the top edge of the card to release it and pull it out of the slot.

**NOTE:**

- Make sure that no foreign objects enter the slot.
- Keep a SD or MMC card in a well-protected box to avoid dust and humidity when you are not using it.

# Getting Started

## Performing the Initial Start Up

1. Press the ON/OFF button for several seconds.

ON/OFF

2. Your device will automatically turn on. Connect the car charger as described in the next section.
3. Then, the Main Menu appears as shown below. You can now use your device.

# Turning Off

If want to turn off the device, press the ON/OFF button for several seconds.

Then you would see the user interface as the right. is turn-off button. Pressing it you will turn off the device successfully.

If pressing the button , the device will enter into sleeping mode for saving power.

# Main Menu

The first time you initialize your device, the Main Menu appears. The Main Menu is your starting place for various tasks. Tap a button to start a task or open another menu.

| | |
|---|---|
| **Navigation** | Start Navigation |
| **Settings** | Device Settings |
| **Applications** | Display GPS information<br>Game<br>Calculator |
| **Multimedia** | Play music file<br>EBook<br>Play video<br>Play photo |

# Settings

To open the Device Settings menu, first tap the Settings button on the main menu.

The Device Settings menu appears as shown above. The following sections describe these buttons and their functions.

You can customize the device settings such as backlight, volume, date and time. Once you change the settings, your new settings will remain until you change them again.

# Brightness

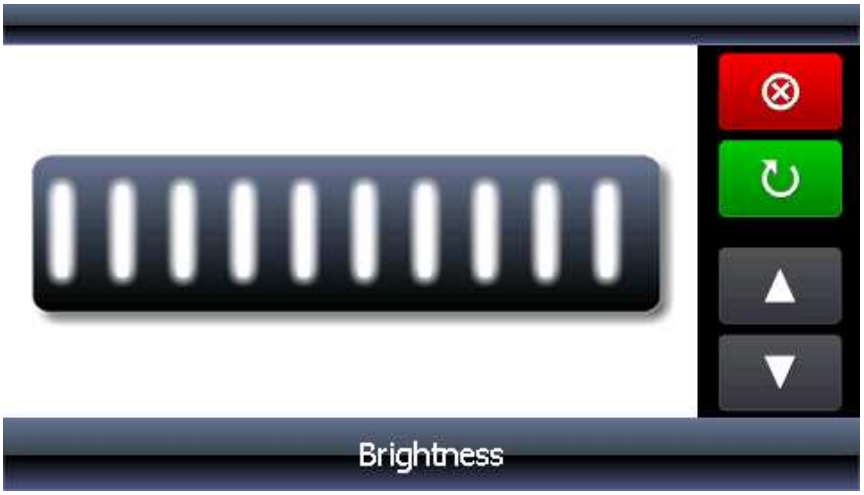
Tap the

**[Brightness]** button on the Device Settings menu. The backlight Function menu appears as shown below.

Tap the knob to adjust the backlight. To decrease the backlight, tap

To increase the backlight, tap .

Tap the button to go to main menu. Tap the button to go back to the previous page.



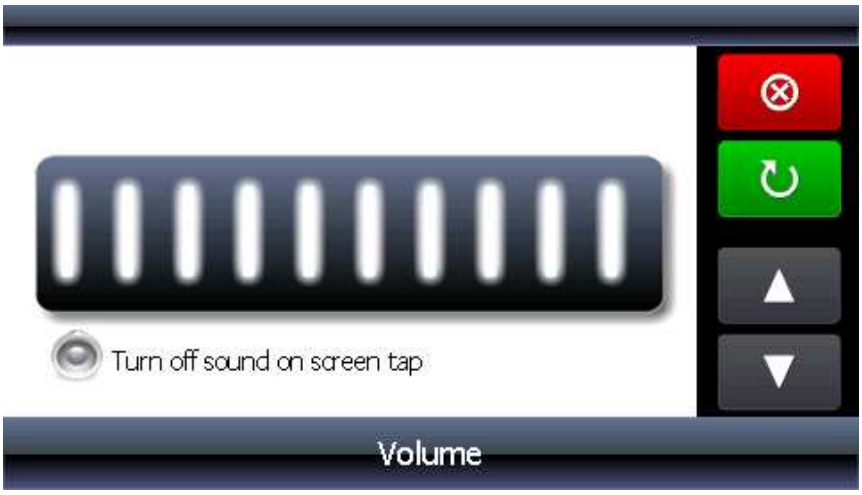
# Volume

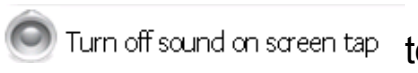
Tap the

**[Volume]** button on the Device Settings menu. The Volume Function menu appears as shown below.

Use button to adjust volume. There are ten levels.

Tap the button to go to main menu. Tap the button to go back to the previous page.



to control touch pad sound. shows the sound of the touch pad is disabled. shows the sound of the touch pad is enabled.

# Time Zone

Tap the

**[Time Zone]** button on the Device Settings menu. The Time Zone Function menu appears as shown below.

Use button to select the time zone.

Tap the button to go to main menu. Tap the button to go back to the previous page.

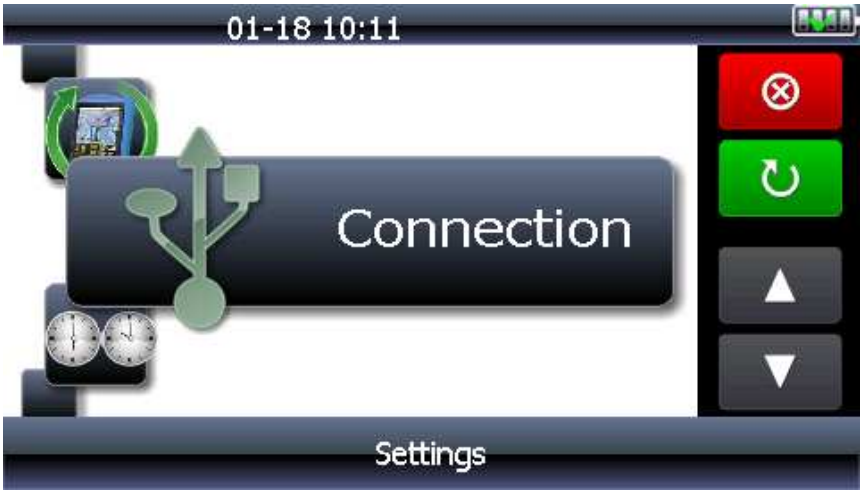
# Connection

Tap the

**[Connection]** button on the Device Settings menu. The Connection Function menu appears as shown below.

Use button to select the connection mode. You can select the USB setting to be [USB Mass Storage] or [ActiveSync] mode.

Tap the button to go to main menu. Tap the button to go back to the previous page.



ActiveSync
Connection

# NaviConfig

Tap the

**[NaviConfig]** button on the Device Settings menu. The navigation setting function menu appears as shown below.

You can save other map files to this device or to the SD card. Use the [NaviConfig] function to select the map file that you want to use.

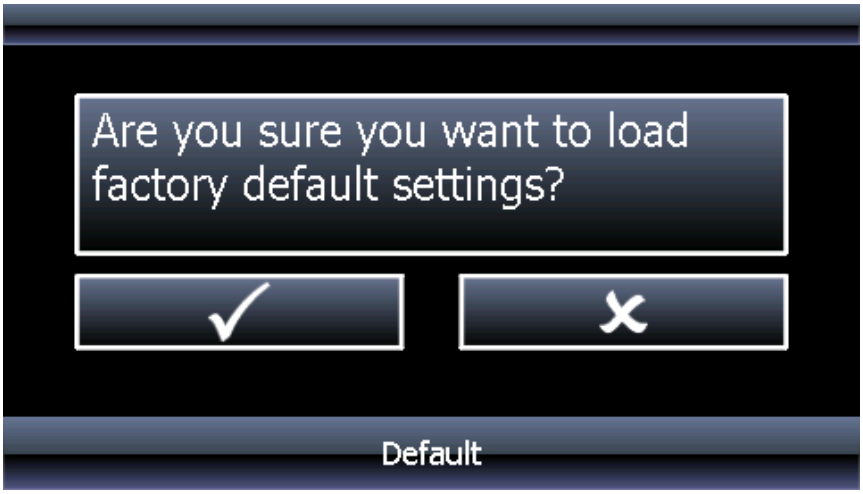
Tap the button to select the map file. Tap the button to go to main menu. Tap the button to go back to the previous page.

SDMMC
Resident...
Filelist

# Default

Tap the

**[Default]** button on the Device Settings menu. The default function menu appears as shown below.

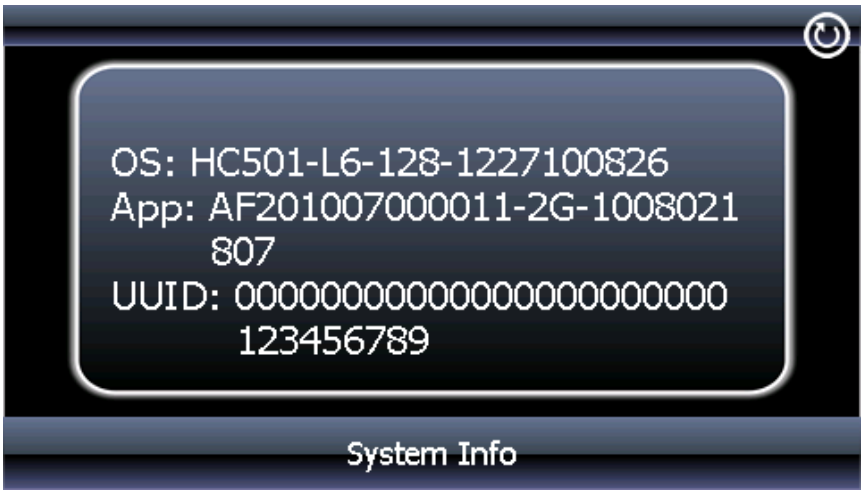


# System Info

Tap the

**[System Info]** button on the Device Settings menu. The System Information appears as shown below.

After accomplishing, tap the knob to exit.



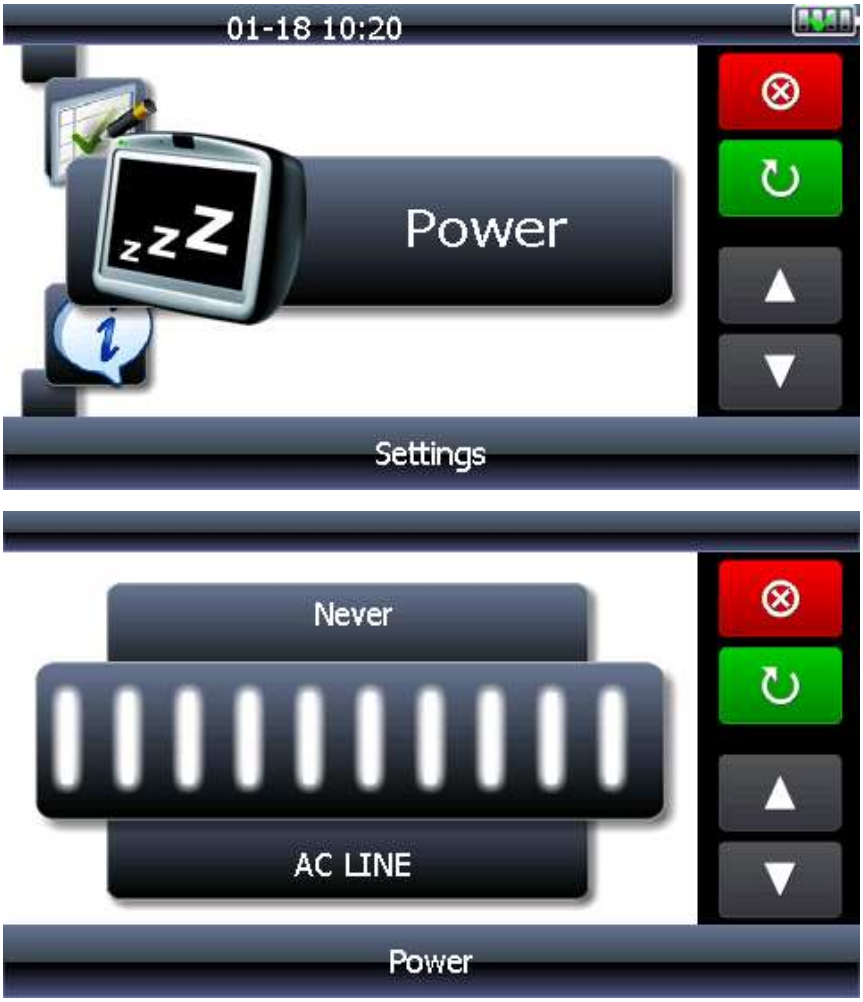
# Power

Tap the

**[Power]** button on the Device Settings menu. The power function menu appears as shown below.

Use button to adjust the power setting.

Tap the button to go to main menu. Tap the button to go back to the previous page.

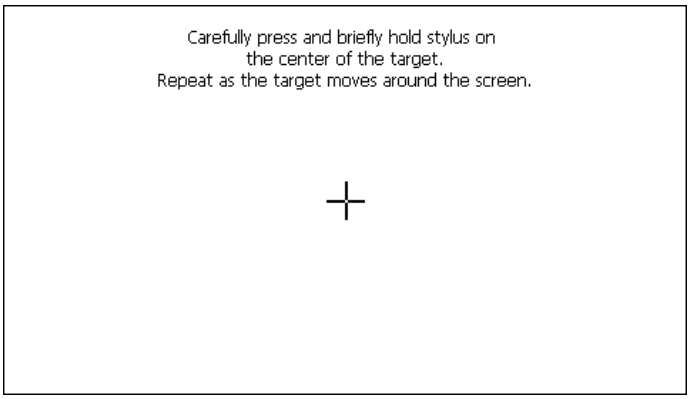


# Calibrate

Tap the

**[Calibrate]** button on the Device Settings menu. The calibrate Function appears as shown below.

1. Tap and hold the center of the target, the target moves to the position of left-up. When again tap and hold the center of the target, the target moves the Next position of left-down.
2. The target moves to five position (Left-up' left-down' right-up' right-down' Center) in order, forming a period. If nicety taps and hold the target each time, after a period, the target is Disappear, the device completes the calibration process and backs to the Device Settings menu.



New calibration settings have been measured.
Tap the screen to register saved data.
Wait for 30 seconds to cancel saved data
Time Limit : 28 sec

# Date/Time

Tap the

**[Date/Time]** button on the Device Settings menu. The Date/Time Function appears as shown below.

Use the button to select the adjust item; to increase/ decrease the value. Tap the button to go to main menu.

Tap the button to go back to the previous page.

# Language

Tap the

**[Language]** button on the Device Settings menu. The Language Function appears as shown below.

Use button to select the language that you need.

Tap the button to go to main menu. Tap the button to go back to the previous page.

# Applications

To open the Device Applications menu, first tap the Applications button on the main menu.

The Device Applications menu appears as shown above. The following sections describe these buttons and their functions.

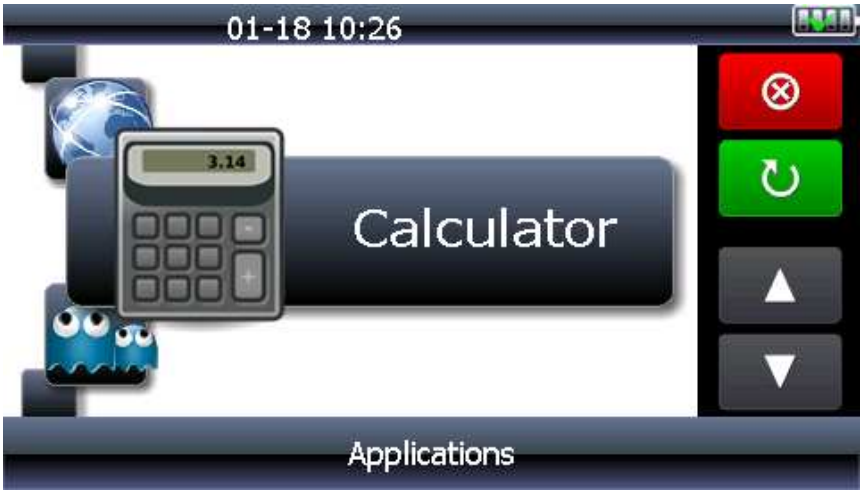
You can use the device applications such as calculator, GPS information, and game.

# Calculator

Tap

**[Calculator]** on the main screen to enter Calculator screen as below.

You can do general computing and numerical operations.



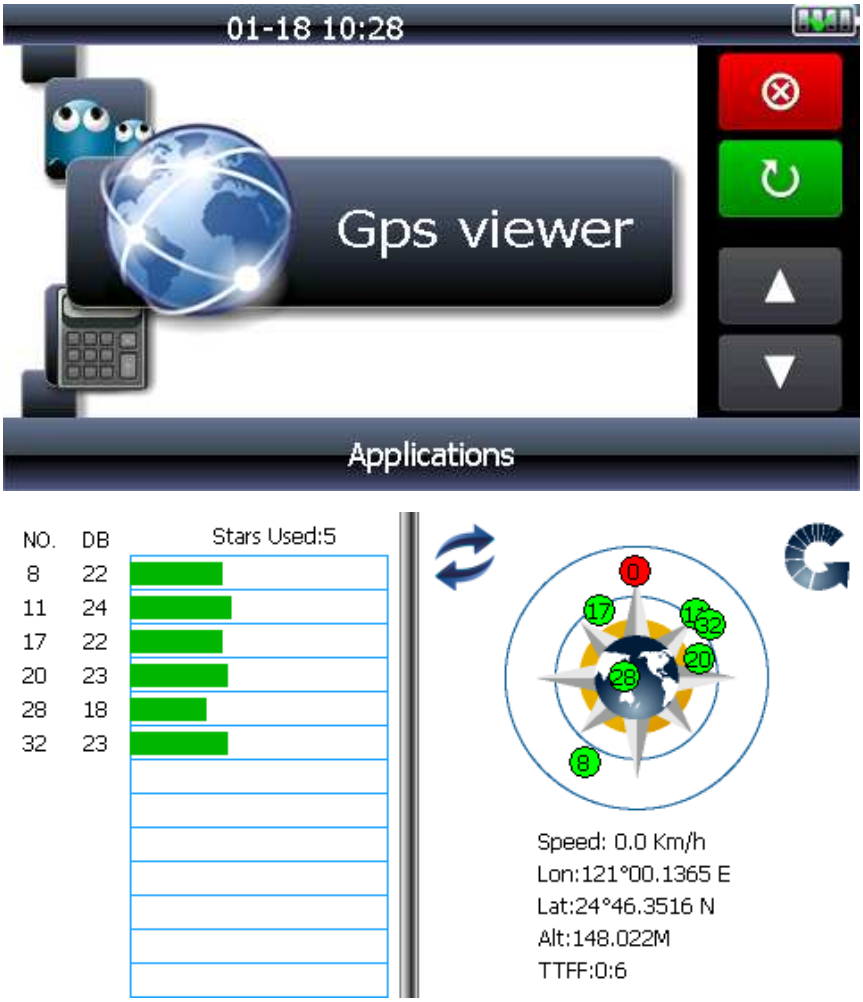
# GPS viewer

Tap

**[Gps viewer]** button to into GPS Receiver page.

This page is for information only. You can view the number of satellite signals t he unit is receiving and also the strength of these signals.

The compass circle shows the satellites that the unit is receiving and the bar chart below shows the strength of the signal from each of these satellites.




Tap the button to go back to the previous page.

Tap the button to reset GPS to re-search satellite signal.

# Games

Tap

**[Games]** on the main screen to enter Game screen as below.

Use the button to select the game that you want to play.

Tap the button to go to main menu. Tap the button to go back to the previous page.

# Multimedia Function

## Music Player

This unit has a Music Playback function that is capable of playing back MUSIC files stored on Micro SD memory cards.

**Caution:** This device supports .WMA file formats only.

Tap the “Multi Media” button on the second main menu to display the submenu. Tap the

“Music Player” button to enter the file lists menu.

Open a music file by taping a file name you need. Left window shows a static picture, choose and play a file at once. Right window shows Play list, the control panel appears at the bottom of the screen where you can easily control the player by tapping the control buttons, such as play, pause, stop, next and previous, progress bar, volume control, mute, repeat, and close.

Control button lists:

| Control Button | | Description |
|---|---|---|
| | Play | Play the playback. |
| | Stop | Stop playing current song |
| | Pause | Pause the playback. |
| | Previous/ Next | Play the previous or next file. |

| | | |
|---|---|---|
| | Replay | Continuous play current song |
| | Close repeat | close repeat |
| | Mute | Mute |
| | Mute off | Mute off |
| | Reduce page | The music keeps play, and return to the [Music Player] page. |
| | Exit the audio player | Close the music player, and return to the [Music Player] page. |
| | Volume | Increase or decrease the volume. |
| ① | Song name | Shows the file of the current file |
| ② | Play Time | |
| ③ | Total Time | |

# EBook

Tap the “Multi Media” button on the second main menu to display the submenu. Tap the

“EBook” button to enter the file lists menu. All the .txt files will show on the lists menu.

**Caution:** The function of the EBook is to view texts, books or documents in TXT format.

Open a book by taping a file name you need. Double-tap screen to enter full screen. Double-tap screen again, it will back the standard screen.

HOLUX
HOLUX Technology Inc. is a professional consumer GPS (Global Positioning System) products provider. It was established in 1994. Since then, we develop and s
1
NAV62 Test Tool V1.00_...
vietnamese.txt
HOLUX.TXT

| Control Button | | Description |
|---|---|---|
| | Next page | Display the next page |
| | Previous page | Display the previous page |
| | Add bookmark | Appear a bookmark symbol on the lower-left hand corner of the screen |
| | Delete bookmark | Delete a bookmark on the any page. |
| | Skip bookmark | Skip to a specific page when input the page number you need. |
| | Increase font size | Increase font size for easy reading |

| | | |
|---|---|---|
| | Decrease font size | Decrease font size for easy reading |
| | Full screen | |
| | Back | Stop displaying, and return to [EBook] page. |

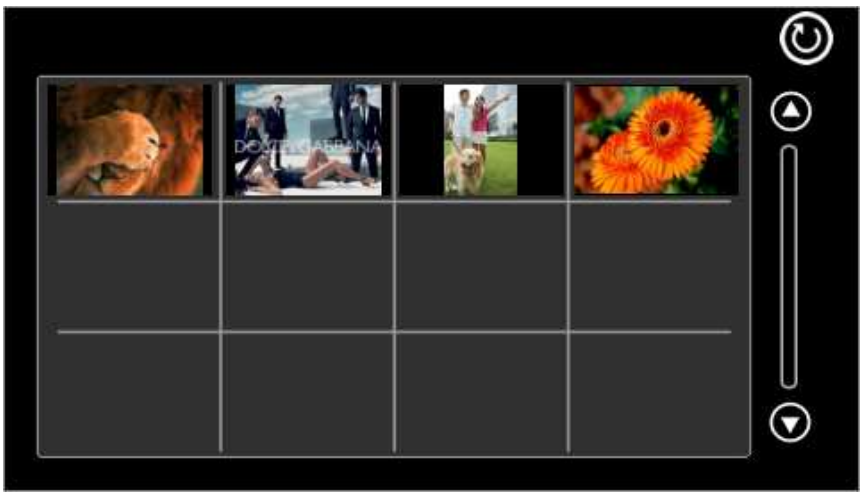
# Photo Viewer

Tap the “Multi Media” button on the second main menu to display the submenu. Tap the

“Photo Viewer” button to enter the file lists menu. All the picture files will show on the lists menu.

**Caution:** This device supports .jpg and .bmp file formats

Tap one of the photo files, the system opens photo menu and shows the selecting photo.



Double-Tap anywhere enter to display control button. Use the control button to play the photo.

| Control Button | | Description |
|---|---|---|
| | Slide Show | Slide show is to play photos automatically. |
| | Slide show stop | Slide show stop, the button returns to it's previous status |
| | Previous/ Next | Play the previous or next file. |
| | Back | Return to photo list page |
| | Rotate photo | Rotate a photo clockwise 90° or counter-clockwise 90°. |
| | Zoom in/out | Zoom in/ zoom out the photo screen |

| | | |
|---|---|---|
| | Delete | Delete photos in the SD card permanently |

# Video Player

This chapter tells you how to play video files on your device.

**Caution:** This device supports .WMV file formats only

Tap the “Multi Media” button on the second main menu to display the submenu. Tap the

“Movie Player” button to enter the file lists menu.

Open a video file by taping a file name you need. Left window shows video contents, choose and play a file at once. Right window shows Play list, the control panel appears at the bottom of the screen where you can easily control the player by tapping the control buttons, such as play, pause, stop, next and previous, progress bar, volume control, mute, repeat, and close.

Double-Tap anywhere enter to full screen. In full screen, all buttons disappear, include Play list. Double-Tap anywhere on the full screen to switch back to the standard screen, all buttons will be appeared.

Control button lists:

| Control Button | | Description |
|---|---|---|
| | Play | Play the playback. |
| | Stop | Stop playing |
| | Exit the video player | Stop playing, and return to [Movie Player] page. |
| | Movie file list | |
| | Volume | Increase or decrease the volume. |
| 1 | Play Time | |
| 2 | Total Time | |

# Troubleshooting

| | |
|---|---|
| Power Problems | |
| Power does not turn on when using battery power | The remaining battery power may be too low to run your device. Connect the AC adapter to your device and to AC power. Then, turn on your device. |
| Screen Problems | |
| Screen is off | ● If the screen does not respond even after you press the power button, try the following in order until the problem is solved.<br>● Connect the AC adapter to your device and to external AC power.<br>● Reset your system. |
| Screen responds slowly | ● Make sure that your device is not running out of battery power. If the problem still exists, reset your system. |
| Screen freezes | ● Reset your system. |
| Screen is hard to read | ● Make sure that the backlight of the display is on.<br>● Move to a location with more light. |
| Inaccurate response to taps | ● Recalibrate the touch screen. (See section 3.4 for instructions.) |
| Connection Problems | |
| Cable Connection Problems | ● Make sure that your device and your computer are both turned on before trying to establish a connection.<br>● Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer do not run the cable through a USB hub.<br>● Reset your device before connecting the |

| | |
|---|---|
| | cable. Always disconnect your device before you restart your computer. |
| GPS Problems | |
| When there are no valid signals available, consider the following: | ● Make sure that the GPS antenna has a clear view of the sky.<br>● Note that the GPS reception can be affected by:<br>■ Bad weather<br>■ Dense overhead obstacles (e.g. trees and tall buildings)<br>■ Other wireless device in the car<br>■ Reflective car window tint |

# Resetting Your System

Occasionally, you may need to reset your device. For example, you should reset your system when it stops responding; or appears to be "frozen" or "locked up.

Insert a small rod, such as a straightened paperclip, into the reset button on the bottom of your device. This is called a "soft reset." The Main Menu should appear after a soft reset.

# Maintaining Your Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- Take care not to sit on the device. We advise not to carry the device in one's back pocket for that reason.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth moistened with water to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.

# Regulatory Information

**NOTE:** Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this chapter.

Some notices apply to specific models only.

# Regulations Statements

Class B Regulations

USA Federal Communications Commission Radio Frequency Interference Statement

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential in stallation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Please note:

The use of a non-shielded interface cable with this equipment is prohibited.

Canada

Canadian Department of Communications

Radio Interference Regulations Class B Compliance Notice

This Class B digital apparatus meets all requirements of the Canada Interference-Causing equipment regulations.

Cet appareil numrique de Classe B respecte toutes lesexigences duReglement Canadien sur le materiel brouileur.

European Notice

Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EEC), the Electromagnetic Compatibility Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) as amended by Directive 93/68/ECC - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

EN301489-1: Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements EN301489-3:

Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 Ghz

En55022: Radio disturbance characteristics

EN55024: Immunity characteristics

EN6100-3-2: Limits for harmonic current emissions

EN6100-3-3: Limitation of voltage fluctuation and flicker in ow-voltage supply system

En60950 / IEC 60950: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.